

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

---

This paper is being submitted  
via EFS-Web on  
August 20, 2009

Patentee : Hiroyuki KOIKE et al.  
Patent No. : 5,288,726  
Issued : February 22, 1994  
Serial No. : 07/941,676  
Filed : September 8, 1992  
For : TETRAHYDROTHIENOPYRIDINE  
DERIVATIVES...  
Docket No. : 920676/HG  
Customer No.: 01933

In the event that this Paper  
is late filed, and the  
necessary petition for  
extension of time is  
not filed concurrently  
herewith, please consider  
this as a Petition for the  
requisite extension of time,  
and to the extent not already  
paid, authorization to charge  
the extension fee to Account  
No. 06-1378. In addition,  
authorization is hereby given  
to charge any fees for which  
payment has not been submitted,  
or to credit any overpayments,  
to Account No. 06-1378.

**REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 CFR 1.322**

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

It is respectfully requested that a Certificate of  
Correction, as per the attached Form PTO/SB/44, be granted.  
The error is a Patent Office printing error.

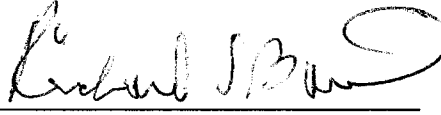
This request is to correct Column 73, line 15 (Claim 42,  
line 2), by replacing "o" with --or-- following "thrombosis," as  
per the attached Form PTO/SB/44.

With respect to said error, enclosed is a copy of page 162  
of the specification, wherein in line 2 of Claim 45 (Claim 42 in  
the Letters Patent) "or" follows "thrombosis."

Favorable action on this Request for a Certificate of  
Correction is respectfully requested.

Frishauf, Holtz, Goodman  
& Chick, P.C.  
220 Fifth Avenue, 16th Fl.  
New York, NY 10001-7708  
Tel. Nos. (212) 319-4900  
(212) 319-4551/Ext. 219  
Fax No.: (212) 319-5101  
E-Mail Address: BARTH@FHGC-LAW.COM  
RSB/ddf

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Richard S. Barth", written over a horizontal line.

Richard S. Barth  
Reg. No. 28,180

Encs.: (1) Form PTO/SB/44  
(2) copy of page 162 of specification

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 5,288,726

Page 1 of 1

APPLICATION NO.: 07/941,676

ISSUE DATE : February 22, 1994

INVENTOR(S) : Hiroyuki KOIKE et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 73, line 15 (Claim 42, line 2): following "thrombosis" replace "o" with --or--.

### MAILING ADDRESS OF SENDER (Please do not use customer number below):

Richard S. Barth, Esq.

Frishauf, Holtz, Goodman & Chick, P.C.220 Fifth Ave., New York, NY 10001-7708.


This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

carbonylbenzyl)-4,5,6,7-tetrahydrothieno[3,2-c]pyridine and pharmaceutically acceptable salts thereof.

43. The compound of Claim 1, selected from the group consisting of 5-[ $\alpha$ -(2-fluorocyclopropylcarbonyl-2-fluorobenzyl)]-2-oxo-2,4,5,6,7,7a-hexahydrothieno[3,2-c]pyridine and its tautomer and pharmaceutically acceptable salts thereof.

44. The compound of Claim 1, selected from the group consisting of 2-acetoxy-5-[ $\alpha$ -(2-fluorocyclopropylcarbonyl-2-fluorobenzyl)]-4,5,6,7-tetrahydrothieno[3,2-c]pyridine and pharmaceutically acceptable salts thereof.

45. A pharmaceutical composition for the treatment and prophylaxis of thrombosis or embolisms, comprising an effective amount of a blood platelet aggregation inhibitor in admixture with a pharmaceutically acceptable carrier or diluent, wherein said inhibitor is at least one compound of formula (I), or a tautomer or pharmaceutically acceptable salt thereof, as claimed in Claim 1. 

46. The composition of Claim 45, wherein:

R<sup>1</sup> represents a hydrogen atom, an alkyl group having from 1 to 4 carbon atoms, a halogen atom, a fluoroalkyl group having from 1 to 4 carbon atoms and at least one fluorine atom, a hydroxy group, an alkoxy group having from 1 to 4 carbon atoms, a fluoroalkoxy group having from 1 to 4 carbon atoms and at least one fluorine atom, an alkylthio group having from 1 to 4 carbon atoms, a fluoroalkylthio group having from 1 to 4 carbon atoms and at least one fluorine atom, an amino group, an alkanoyl group having from 1 to 5 carbon atoms, a fluoroalkanoyl group having from 2 to 5 carbon atoms and at least one fluorine atom, an alkoxycarbonyl group